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13281 U.S. PTO  
031004

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PATENT, TRADEMARK  
AND COPYRIGHT LAW

FACSIMILE: (703) 684-1157

17497 U.S. PTO  
10/796045

031004

Date: March 10, 2004

CUSTOMER NO. 24956

Attorney Docket No. ASA-1171

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir: Transmitted herewith for filing is the patent application of:

Inventor: H. OIKAWA

For:  
LIQUID COOLING JACKET

Enclosed are:



11 Sheets of Drawings



This application is being filed without an executed Declaration.



Priority is claimed from Japanese Application No. 2003-349701 (which is hereby  
filed October 8, 2003. ☐ A certified copy is attached herewith. incorporated by  
reference)



Copies of the disclosure documents listed on the attached PTO 1449 form and  
☒ discussed in the specification or ☒ attached Information Disclosure Statement.



Small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.



Specification: Abstract ☒ Description ☒ 22 pages; and ☒ 11 claim(s).



Preliminary Amendment.



Executed Declaration.

The filing fee is calculated as shown below:

Small Entity

Large Entity

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	12 - 20 = *	0
Indep Claims	1 - 3 = *	0
<input type="checkbox"/> Multiple Dependent Claim (s)		

\* If difference is less than zero  
then enter '0' in second column

Rate	Fee
	\$ 375
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

Rate	Fee
	\$ 770
x 18	\$ 0
x 84	\$ 0
+ 280	\$ 0
Total	\$ 770



A check or credit card payment form in the amount of \$ 770.00 is enclosed for the filing fee.



The Commissioner is hereby authorized to charge any additional fees that may be required to  
Deposit Account No. 50-1417.

Respectfully Submitted

By:

John R. Mattingly

Registration No. 30,293

# 34,663

ASA-1171  
W1492-01MW

LIST OF INVENTOR'S NAME AND ADDRESS

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